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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/195,125		
	Filing Date	November 18, 1998	
	First Named Inventor	Mitsuaki Hirono	
	Group Art Unit	2151	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission		Attorney Docket Number	F9600.0022/P022

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below)
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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APR 26 2001

Technology Center 2100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Thomas J. D'Amico
Signature	
Date	April 23, 2001



h2
Docket No.: F9600.0022/P022
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mitsuaki Hirono, et al.

Application No.: 09/195,125

Group Art Unit: 2151

Filed: November 18, 1998

Examiner: Not Yet Assigned

For: PROGRAM CONTROL APPARATUS
AND METHOD AND APPARATUS FOR
MEMORY ALLOCATION ENSURING
EXECUTION OF A PROCESS
EXCLUSIVELY AND ENSURING REAL
TIME OPERATION, WITHOUT
LOCKING COMPUTER SYSTEM

INFORMATION DISCLOSURE STATEMENT (IDS)

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APR 26 2001

Dear Sir:

Technology Center 2100

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned.

A copy of each reference on PTO/SB/08 is attached.

A partial translation of the non-English language references is enclosed.

A concise explanation of relevance of the items listed on form PTO/SB/08 is:

☐ not given

☐ given for each listed item

☐ given for only non-English language listed items

☒ in the form of an English language copy of an Office Action from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. F9600.0022/P022. A duplicate copy of this paper is enclosed.

Dated: April 23, 2001

Respectfully submitted,

By 

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Mailed May 18, 1999

NOTICE OF GROUND OF REJECTION

Patent Application No. 10-260427

Patent Office Examiner: Mitsuhiro KUBO

To Attorney: Mr. Hisao KOMORI

The present application shall be recognized to be rejected on the ground as noted in circle. It is required that the remarks, if any, be submitted within sixty days from the date on which the present NOTICE was mailed.

Grounds

Ground 1: The invention according to the following claims of the present application could have been ready made by a person having ordinary skill in the art to which the present invention pertains before filing, based on the inventions described in the following references distributed in Japan or abroad before filing of the present application. Therefore, a patent can not be granted thereto under the provision of Article 29, Paragraph 2 of Patent Law.

Remarks

• Claims 21, 22, 41

References:

1. Japanese Patent Laying-Open No. 8-153037
2. Japanese Patent Laying-Open No. 6-208502
3. Japanese Patent Laying-Open No. 61-75649
4. Japanese Patent Laying-Open No. 4-38540
5. Hatsume Kyokai Public Technical Report • Report No. 94-6618
6. Hatsume Kyokai Public Technical Report • Report No. 92-1076

Note:

The first reference discloses a technique in which work area dynamically allocated in response to a user's request is divided into a plurality of blocks of different sizes as shown

in Fig. 2, and when allocation request designating the size comes from the user, the block is allocated to the user, in accordance with the procedure described in page 2, left column, lines 26-29.

It is a well-known technique to designate by using a system call, the amount of memory to be secured at the time of initialization. Therefore, there is no particular difficulty in designating the values of the sizes A, B, ..., N and values of numbers n, n', ..., n" of Fig. 2 of the first reference, by using the above-described well-known technique.

(End of Ground 1)

...omitted...